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#### **CURRICULUM VITAE**

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**Education:** 

B.B.A. Western Reserve University 1964

M.A. Western Reserve University

University of California Berkeley 1966

Ph.D. Case Western Reserve University 1969

### **Academic Experience:**

1966	Lecturer, Western Reserve University
	Lecturer, Cleveland State University
1967 - 1969	Instructor, Cleveland State University
1969 - 1973	Assistant Professor, Cleveland State University
1974 - 1993	Associate Professor, Cleveland State University
1993 - 1994	Retired Associate Professor
11/94-	Associate Professor Emeritus
1999-Present	Adjunct Associate Professor, John Carroll University

### **Professional Membership:**

- American Economic Association
- National Association of Business Economists
  - -Ohio Association of Economists and Political Scientists
    - At Large Representative to the Executive Board 1995-96

### **Honors and Awards:**

- Recipient of United States Government Fellowship for Graduate Education (NDEA), 1966-1969
- Runner-up Dissertation Fellowship Federal Reserve Bank of Cleveland, 1968
- Omicron Delta Epsilon Honorary in Economics, 1965
- Beta Alpha Psi Honorary in Accounting, 1964

### **Court and Governmental Appointments:**

Hamilton County Common Pleas Court as Settlement Administrator –	
Indian Hill School District Litigation	
Franklin County Common Pleas Court as Class Economist – Georgia Pacific Litigation	
Hamilton County Common Pleas Court as Special Master – Bengals Litigation	
Hamilton County Common Pleas Court as Special Master – A & D Building Litigation	
Federal Court, Southern District of Ohio – Pfizer Heart Valve	
Federal Bankruptcy Court, Cincinnati – Eagle– Pitcher Reorganization	
Hamilton County Common Pleas Court – BASF Chemical Plant Explosion	
Montgomery County Common Pleas Court - CSX Train Derailment, Miamisburg, OH	1991
Attorney General's Office, State of Ohio –	
Innocent Victims of Crime Compensation Program	1983
State Court, Kentucky – Beverly Hills Supper Club Fire	
Federal Court, Southern District of Ohio – Beverly Hills Supper Club Fire	

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#### **Private Distributions:**

Cincinnati Pressman Litigation1984Cincinnati Carriers Litigation1997Indian Creek Elevator1993-94Ohio Valley Fireworks1998

### **Limited Fund/Fairness Hearing Analysis & Testimony:**

Eagle-Pitcher
Acromed
Interneuron (Redux)
Telectronics
American Home Products (Pfen-fen)
Sulzer Medica
Microsoft (Consumer Case 2001)

UPS EV Settlement (2004)

### **Articles and Publications:**

- Brown, R, ed., *Valuing Professional Practices & Licenses: A Guide for the Matrimonial Practitioner*, 3<sup>rd</sup> ed. (*Aspen Publishers 1998-2010*), Ch. 31, John F. Burke, Jr., Ph.D and Harvey S. Rosen, Ph. D., "Valuing Educational Attainment as an Educational Asset."
- "Valuing Educational Attainment as a Distributable Asset, " <u>Valuing Professional Practices and Licenses: A Guide For The Matrimonial Practitioner</u>, Edited by Ronald L. Brown, Copyright 1993, Prentice Hall Law & Business, co-authored.
- 1991 Co-editor <u>Handbook of Financial Planning for Divorce and Separation</u>, 1992 Supplement, Ed. John Wiley & Sons, Inc., New York, NY, with J.F.B.
  - "Uniform Child Support Guidelines", <u>Financial Planning for Divorce and Separation</u>, Crumbley Apostolov, Ed., second edition.
- Reprint, February 1990, "The Value of a Professional License" <u>Family Advocate</u>, American Bar Association, Summer, 1984, Vol. 7, No.1, with J.F.B. for use by the Indiana Judicial Center for distribution and application in a seminar to assist in understanding the valuations in closely-held corporations.
  - "Economic Models of Valuation in Divorce Proceedings," <u>Financial Planning for Divorce and Separation</u>, Crumbley Apostolov, Ed. John Wiley & Sons, Inc., with J.F.B.
- 1987 "Using an Economist in Evaluating Claims," <u>Settling Personal Injury Insurance Claims in, Professional Education systems, Inc., 1987, co-authored.</u>
  - "Valuing Educational Attainment as a Distributable Asset," <u>Expert Valuation of Professions: The Value of Law and Medical Degrees and Licenses Upon Divorce</u>, Edited by Ronald L. Brown, Copyright 1987, Prentice Hall Law & Business, co-authored.
- 1986 "Settling Personal Injury Insurance Claims in Michigan," <u>Professional Education Systems, Inc.</u>, Eau Claire, Wisconsin, November 5, 1986, co-authored.
  - "Forecasting Enhanced Educational Attainment," <u>Fair\$hare Law and Business, Inc.</u>, Harcourt and Brace, Vol. 6, May, 1986, co-authored.
- "Economic Value of a Professional License," and "Basic Approach to Valuing Closely-Held Corporations," Reprinted in <u>Contemporary Matrimonial Law Issues: A Guide to Divorce Economics and Practice</u>, Edited by Foster & Brown, Law & Business, Harcourt, Brace & Jovanovich, New York, 1985.
- "Consumption & Family Size," <u>Proceedings of the Industrial Relations Research Association</u>, Spring, 1984, co-authored.

#### **Articles and Publications: (Continued)**

- 1984 "The Value of a Professional License," Family <u>Advocate</u>, American Bar Association, Summer, 1984, Vol 7, No. 1.
- 1983 "Taxes and Compensation for Lost Earnings-A Comment," <u>The Journal of Legal Studies</u>, Vol. 12, No. 1, January, 1983, co-authored.
  - "ABC'S of Valuing Closely Held Corporations," FairShare, January 1983. Co-authored
- 1982 "Pseudo String Arrays," <u>Hewlett Packard Basic Exchange</u>, Vol. 3, No. 1, Spring, 1982.
- "Use of Experts to Establish and Quantify Standard of Living," proceedings of the <u>Education Institute of American Academy of Matrimonial Lawyers</u>, San Diego, California, 1981.
- 1974 "A New Technique for Obtaining Regional Employment Multipliers." <u>Land Economics, January</u>, 1974 co-authored with Vijay Mathur.
  - "The Monetary Value of a Housewife: A Replacement Cost Approach." <u>American Journal of Economics and Sociology,</u> January, 1974. Reviewed in Luisella Goldschmidt-Clermont, <u>Unpaid Work in the Household: A review of Economic Evaluation Methods.</u> Geneva: International Labor Office, 1982.
  - "The Use of Statistical Analysis for Performance Review," July 1974, in <u>Personal Journal</u>, co-authored with Howard Polster.
- 1973 "An Econometric Technique vs. Traditional Techniques for Obtaining Regional Employment Multipliers: A Comparative Study," <u>Environment and Planning</u>, June, 1973.
- 1972 "An Econometric Export Base Model: A New Technique" in <u>London Papers on Regional Science</u>, 1972, (A Publication of the British Section of the Regional Science Association), co-authored with Vijay Mathur.
- 1969 "A Euro-Dollar Primer," <u>Central Economic Letter</u>, Vol. 8, No. 5, July, 1969.
  - "A Cleveland Area Business Index." Central Economic Letter, Vol. 8, No. 1, February, 1969.
  - "Monetary Policy and Fluctuating Exchange Rates: The Canadian Experience," an abstract. <u>The Financial</u> Review, Spring, 1969.
- 1968 "The Dollar and Floating Exchange Rates." Central Economic Letter, Vol. 7, No. 12. December, 1968.

## **Speeches and Seminars:**

- 2007 Chase Law School, Seminar in Economic Damages
- 1996 Ohio Society of Certified Public Accountants, Cleveland Chapter, Litigation Services Committee, "Damages", November 1996
- 1996 Trial Skills Tune-Up, Trial Fundamentals for Litigators of all Experience Levels to the Cincinnati Bar Association and The John W. Peck Cincinnati Chapter Association of the Federal Bar Association, November 1996.
- 1996 Potter Stewart Inn of Court "Projecting Economic Damages", March 26, 1996.
- Ohio Personal Injury Damages Seminar. "Working With an Economist" prepared for Professional Education Systems, Inc., April 1990.
  - "Measuring Economic Damages in Wrongful Employment Discharge Cases" for Plaintiff Employment Lawyer's Association, October 25, 1990.
- 1988 "The Hedonic Value of Life," to Cleveland Trial Lawyers' Association, November, 1988.

#### **Speeches and Seminars: (Continued)**

- 1987 "Purchasing Power of Ohio Judges," Prepared for the "Select Committee" at the request of Ohio Judges. February 27, 1987, co-authored.
  - "Evaluation of a Business," <u>Ohio Association of Trial Lawyers</u>, February 20, 1987, Columbus, Ohio, with James Wilsman and J.F.B.
  - Federal Trial Practice Seminar prepared at the request of Federal Judge Manos, September 11, 1987, Cleveland, Ohio, with J.F.B.
  - Mock Cross-Examination Cleveland Area Civil Trial Attorneys Association, September 14, 1987.
- Ohio State Hearings on Ohio Insurance Crisis Tort Reform Invited Testimony, April 9, 1987; April 22, 1987; May 14, 1987.
- 1986 Ohio State Senate Hearings on Ohio Insurance Crisis Tort Reform Invited Testimony, March 19, 1986.
- 1985 "Consumption Patterns by Size of Family and Income", Eastern Economic Association, Pittsburgh, P.A., March 1985.
- 1984 "More Evidence on Consumption by Family Size", Eastern Economic Association, New York, March, 1984.
- 1983 "Consumption by Family Size: a Labor Relations Study", Presented to the Allied Social Science Association, San Francisco, December 1983.
  - "Preliminary Evidence on Consumption by Family Size", Atlantic Economic Society, Philadelphia PA., October, 1983.
  - "A Taxation Algorithm in Personal Injury Awards", Eastern Economic Association, Boston, March 1983.
- 1982 Discussants on "The Offset Method of Calculating Personal Injury Awards", Mid-Western Economic Association, Chicago, April 1982.
  - "Taxation and Personal Injury Awards as a Result of the <u>Liepelt</u> Decision.", Eastern Economic Association, Washington D.C., March 1982.
- 1981 "Use of Experts to Establish and Quantify Standard of Living," presented at the Education Institute of American Academy of Matrimonial Lawyers. San Diego, California, March, 1981.
- 1975 "Litigators, Computer Simulation and the Regulatory Process." (with co-authors) American Bar Association, Section on Litigation, National Institute, New York, New York, February 7, 1975.
- 1973 "An Econometric Technique vs. Traditional Techniques for Obtaining Regional Employment Multipliers: A Comparative Study," presented at the Monterey meeting of the Western Regional Science Association. Monterey, California, February, 1973.
- 1972 "The Economic Value of an Individual: A Methodology," presented to meetings of the Ohio Academy of Trial Lawyers.
- 1971 "An Econometric Export Base Model: A new Technique," (with Mathur) presented at meetings of the British Section of Regional Science Association, London, England, August 20, 1971.

#### **Consulting Experience:**

1968-1969 Economic Research Consultant. Central National Bank of Cleveland: Prepared newsletter, devised Cleveland area business index which was published monthly in the bank's newsletter.

1969-Present Called upon to provide economic expertise involving matters of economic damage determination and

measurement. There have been cases covering business losses, anti-trust proceedings, discrimination, family law, personal injury and wrongful death.

Have appeared and been qualified or been deposed as an expert witness in the states of Ohio, Michigan, Kentucky, West Virginia, Massachusetts, Maryland, District of Columbia, Pennsylvania, Louisiana, California, Rhode Island, Texas, New York, Nevada, Colorado, New Jersey, Illinois, Virginia, Tennessee, Minnesota, Wisconsin, North Carolina Mississippi, Arkansas, Alabama, Florida and Puerto Rico.

1995 Reviewer. <u>Financial Practice and Education</u>, Raj Aggarwal, John Carroll University, Editor. <u>Financial Practice and Education</u> has a responsibility to help prospective authors improve the quality of their research and its presentation. Therefore, the job of the reviewer is both to help the editor make accept/reject decisions and to provide the authors with suggestions for improvement of their research.

#### **Selected Cases:**

1973 The Thalidomide Case

1975 The Kent State Case

1979 The Sinking of the Edmund Fitzgerald

1980 The Beverly Hills Supper Club Fire

Swine Flu cases for the Justice Department of the Northern District of Ohio

1981 Pick 'N Pay Supermarket Anti-Trust Case (Cleveland & Lorain)

Asbestos Litigation (John Manville)

1982 The MGM Fire

1983 The Thurman Munson Crash

The Hyatt Kansas City Collapse

The Air Florida Crash

1984 The Dalkon Shield Case

The Pan American Crash Disaster

The Bendectin Case

The Bhopal India Case

1985 The Air Canada Air Disaster

1986 The Gander Cases - Arrow Air Disaster

1987 The LTV Bankruptcy-Oglebay Norton Case

The May Company-Supermarket Anti-Trust Case

The Home State Savings and Loan Company Case

The Fernald Nuclear Plant Case

1989 The Cincinnati Pipefitters Case

The WD40 Cases

1989 The Lockerbie, Scotland Case - Pan Am Flight 103

1990 Stark County Toxic Landfill Case

Miamisburg Train Derailment

1992 The BASF Explosion

USAir Los Angeles Crash

1993 Eagle Pitcher Bankruptcy

Pfizer Heart Valve, US formula

Mentor Corporation Breast Implant Litigation

USAir 405 Crash

USAir Beckley, West Virginia Crash

1994 Pfizer Heart Valve Foreign Fracture Panel, Co-Chair

# **Selected Cases:** (Continued)

1994	Ernst & Young Age Discrimination Case
1996	The Protection Group (Toledo)
1996	Queen Village Pharmacy (Philadelphia)
1997	The Pension Benefit Guaranty Corporation (Cincinnati)
	Acromed Orthopedic Bone Screw
	Tobacco Litigation Testimony- United States Senate to Commerce Committee
1998	Ohio Valley Fireworks Litigation
	Firestone Insurance Claim
	Telectronics Corporation- Pacemaker J lead litigation
1999	Bogalusa Chemical Release- Gaylord
	Phen-Fen Interneuron Corporation
2000	American Home Products Phen-Fen
	Louisiana Smokers Litigation- Scott
2001	Sulzer Medica- Hip Implant Litigation
2002	Kodak Employment Case
	State Alarm Litigation
2003	Worldwide Basketball/NCAA Litigation
	Lucent Ponder Litigation
	P&G/Amway Litigation Michigan Case
	Thomas Kinkade Media Arts Trademark Case
	International Paper
	Lamson Sessions Contract Case
	Dayton Power & Light Shareholder Litigation
2004	World Trade Center/Victims Compensation Fund
	Louisiana Smokers Litigation- Smoke Cessation Program
	UPS EV Settlement
2005	STRS Medco Health Solutions Litigation
	Country Wide Home Loans Mortgage Release Litigation
2006	Toshiba Notebook Cover Litigation Los Angeles
	Hatano, Makiko- Grand Canyon Helicopter Crash
	Interstate Diesel- Bosch Trademark Case
	Knowlton (Cincinnati Bengals) estate Litigation
2007	P&G Utah
	Comair Lexington KY Aircrash
	WR Grace Pension Fund Employee Litigation
	Tamaraz- Welding Rod Fumes MDL Litigation
	Rawls- West Virginia Water Litigation Litigation
	Standard Radio Litigation
	Penn Central Railroad Litigation
2008	Mound SuperFund Real Estate Litigation
	Korey Stringer vs Minnesota Vikings
	Leadscope vs American Chemical Society
2010	Westgate Ford Truck Litigation
2012	Uranie of France vs Achelor Mittral Litigation
2013	Dante Whitner Litigation
	Cincinnati Pressman vs Enquirer Litigation
	Credit Suisse Mortgage Backed Security Litigation
	Conoco Phillips UST Litigation- Colorado
2014	Country Wide (BOA) Mortgage Backed Security Litigation
	Morgan Stanley Mortgage Backed Security Litigation
	Goldman Sachs Mortgage Backed Security Litigation
	Valero- UST Litigation- Colorado

Duke Energy Utility Rebate Litigation

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- 2015 Goode vs American Water WVA Litigation Otero vs Cook County Prisoner Litigation
- 2016 Thatcher vs Dupont Chemical Asbestos Subrogation Litigation BP Utah UST Litigation BP South Dakota UST Litigation

BP South Carolina UST Litigation Indian Hill EVSD Litigation

2018 Spaulding vs The Republic of Iran, 1983 Bombing of the Marine Barracks in Lebanon.